

<b>CONFIGURATION CHANGE REQUEST (CCR) Part A</b>		<b>CCR SEQUENCE NUMBER</b> USCRN 2004-17	
<b>1. BASIS FOR CCR</b> <input type="checkbox"/> CORRECTIVE <input type="checkbox"/> PROBLEM PREVENTION <input checked="" type="checkbox"/> IMPROVEMENT		<b>2. SUBMITTING AUTHORITY (Name &amp; Org Code)</b> Mark Hall, OAR/ATDD	
		<b>3. PHONE NUMBER</b> 865-576-0366	<b>4. SUBMISSION DATE</b> 1/20/2004
<b>5. COGNIZANT TECHNICAL INDIVIDUAL</b> Mark Hall			<b>6. PHONE NUMBER</b> 865-576-0366
<b>7. TITLE OF CHANGE</b> Change the Calculation of the Standard Deviation			
<b>8. TYPE OF CHANGE</b> <input type="checkbox"/> HARDWARE <input checked="" type="checkbox"/> SOFTWARE <input type="checkbox"/> DOCUMENTATION ONLY		<b>9. EFFECTIVITY</b> <input checked="" type="checkbox"/> SYSTEM <input type="checkbox"/> SPECIFIC SITE	
<b>10. STATEMENT OF REQUIREMENT, PROBLEM, OR DEFICIENCY</b> The current method of calculating the Standard Deviation of the wind speed, solar radiation, and surface temperature variables in the CRN program are based on the twelve (12) 5-minute averages for each hour.			
<b>11. KNOWN OR PROPOSED SOLUTION</b> Use the 10-second samples from the hour (360 values) to calculate the standard deviations for these variables, and any additional hourly variables added to the datastream in the future.			
<b>12. REQUIRED CHANGE DATE</b> To be implemented with the change to binary data format.		<b>13. RATIONALE FOR REQUIRED CHANGE DATE</b> More accurate representation of Standard Deviation during the hour.	
<b>14. RISK FACTOR FOR CHANGE</b> <input checked="" type="checkbox"/> LOW <input type="checkbox"/> MEDIUM <input type="checkbox"/> HIGH		<b>15. DECISION AUTHORITY LEVEL</b> <input type="checkbox"/> FAST TRACK (* e.g.; correct documentation) <input type="checkbox"/> USCRN CCB ONLY <input type="checkbox"/> PMC	
<b>16. USCRN CCB DISPOSITION</b> <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED <input type="checkbox"/> RECOMMEND APPROVAL		<b>16. AUTHORIZING SIGNATURE</b> /s/ Richard G. Reynolds	
		<b>18. DISPOSITON DATE</b> 05 February 2004	
<b>19. PMC DISPOSITION</b> <input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED		<b>20. AUTHORIZING SIGNATURE</b>	
		<b>21. DISPOSITION DATE</b>	

<b>CONFIGURATION CHANGE REQUEST (CCR) Part B</b>		<b>CCR SEQUENCE NUMBER</b> USCRN 2004-17	
<b>1. APPROVED SOLUTION</b> 10-second temperature samples to be provided by Mark Hall to Bruce Baker (NCDC) for pre-implementation statistical evaluation.			
<b>2. WORK AUTHORIZATION NUMBER</b>		<b>3. ASSIGNED ACTION ENGINEER</b> Mark Hall	
<b>FUNDING INFORMATION</b>		<b>FUNDING SOURCE</b>	<b>COST DATA</b>
<b>4. DEVELOPMENT COSTS</b>			
<b>5. OPERATIONAL TEST AND EVALUATION COSTS</b>			
<b>6. PRODUCTION COSTS</b>			
<b>7. COMMUNICATION SERVICE/CIRCUIT COSTS</b>			
<b>8. IMPLEMENTATION SUPPORT COSTS</b>			
<b>9. LIFE CYCLE SUPPORT COSTS</b>			
<b>10. TOTAL ESTIMATED COSTS</b>			
<b>SUPPORT INFORMATION AND SCHEDULES</b>			
<b>11. DEVELOPMENT SCHEDULE &amp; STATUS</b>		<b>12. PROCUREMENT SCHEDULE &amp; STATUS</b>	
<b>13. IMPLEMENT/RETROFIT SCHEDULE &amp; STATUS</b>		<b>14. REQUIRED CLEARANCES/WAIVERS/LICENSES</b>	
<b>15. PHYSICAL ITEMS &amp; DOCUMENTS AFFECTED</b>		<b>16. LOGISTICS IMPACTS</b>	
<b>17. OPERATIONS IMPACTS</b>		<b>18. STAFF RESOURCES IMPACTS</b>	
<b>IMPLEMENTATION</b>			
<b>19. PLANNED IMPLEMENTATION DATE</b>		<b>20. CHANGE NOTICE NUMBER</b>	
<b>21. CHANGE NOTICE ISSUE DATE</b>		<b>22. CHANGE COMPLETION DATE</b>	